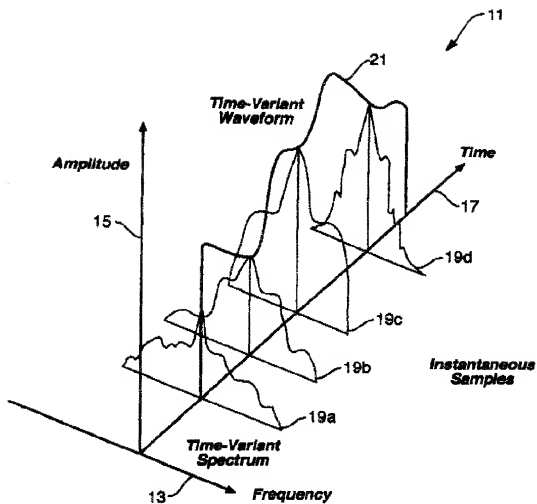


Photonic Fingerprint Analyzer
and Coincidence Detector

FIG. 2



Photonic Fingerprint

FIG. 3

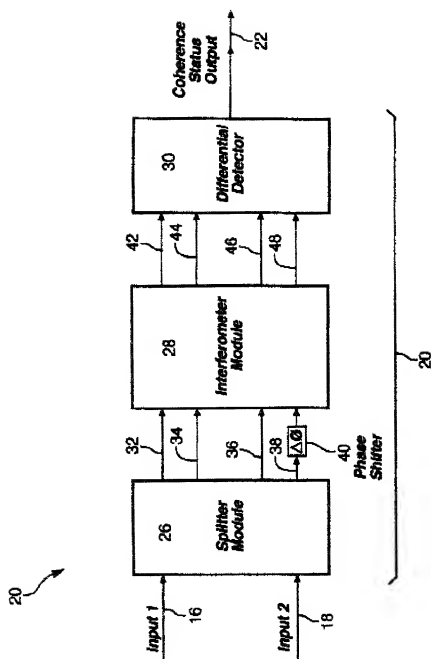


FIG. 4

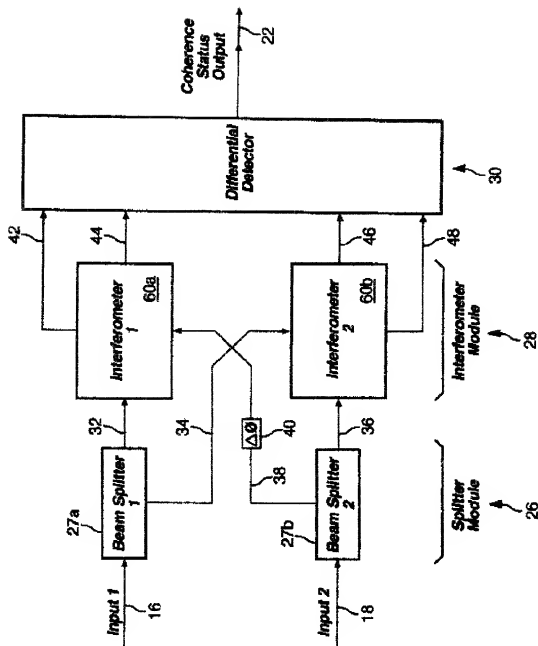


FIG. 5

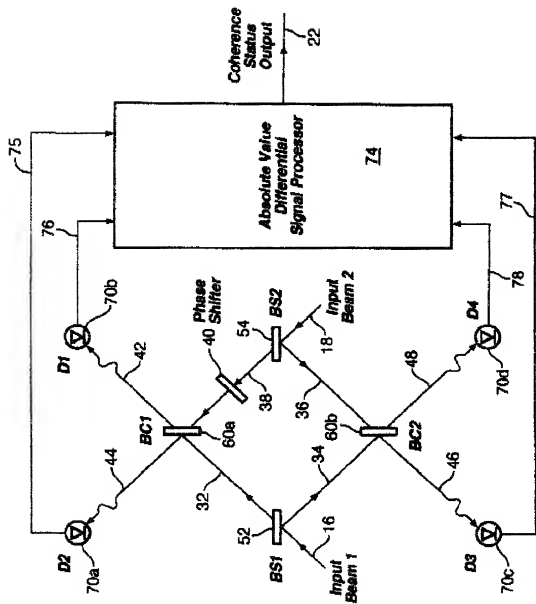


FIG. 6

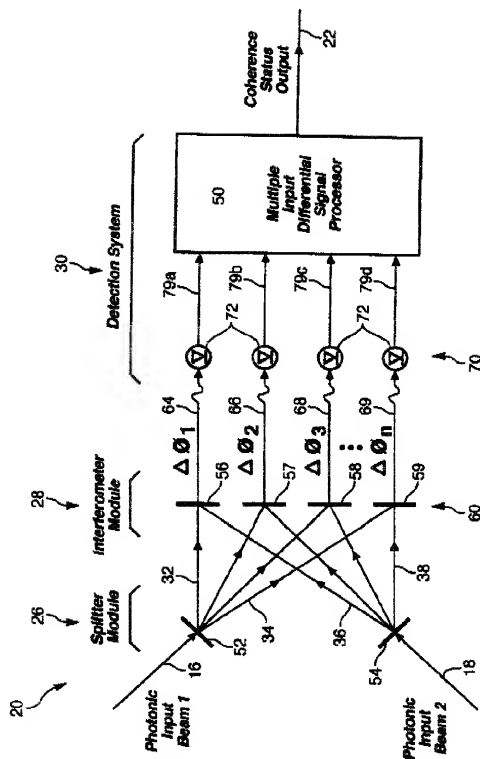


FIG. 7

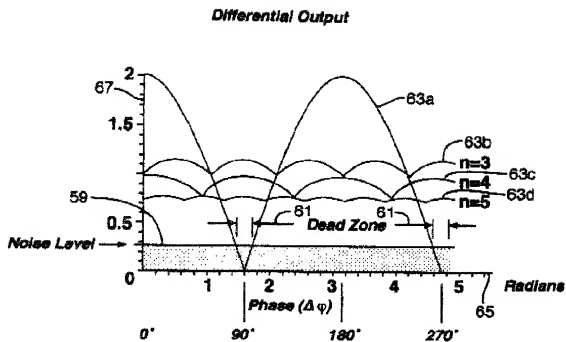


FIG. 8

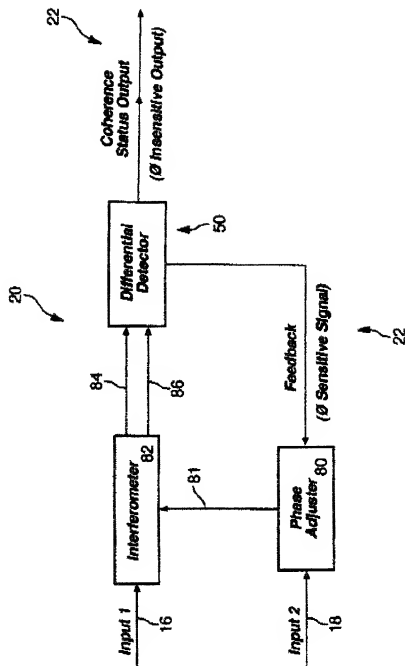


FIG. 9

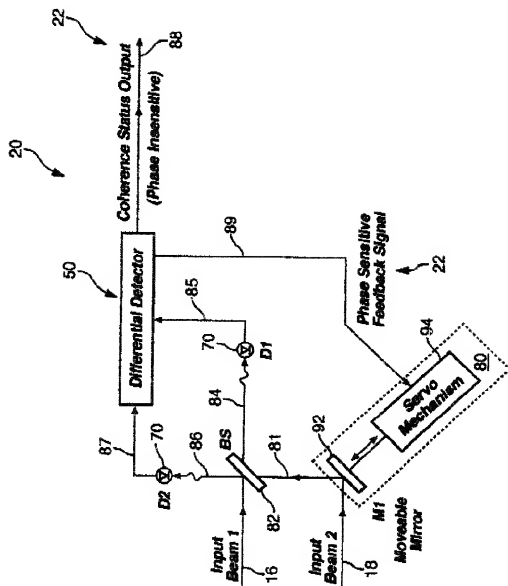


FIG. 10



FIG. 11

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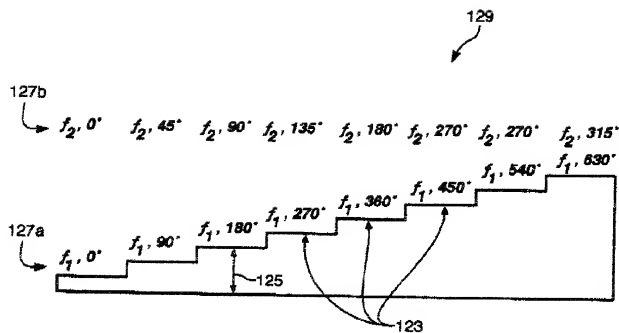


FIG. 12

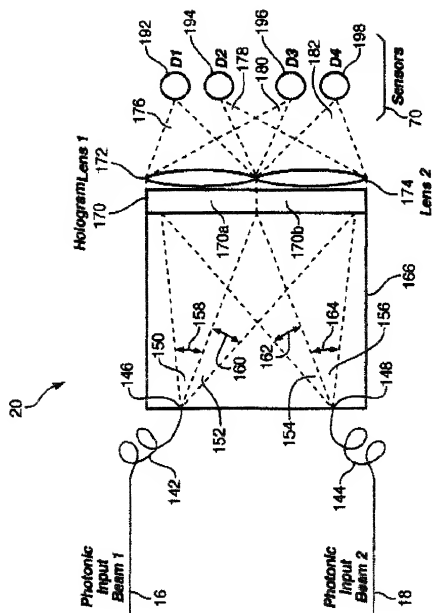


FIG. 13

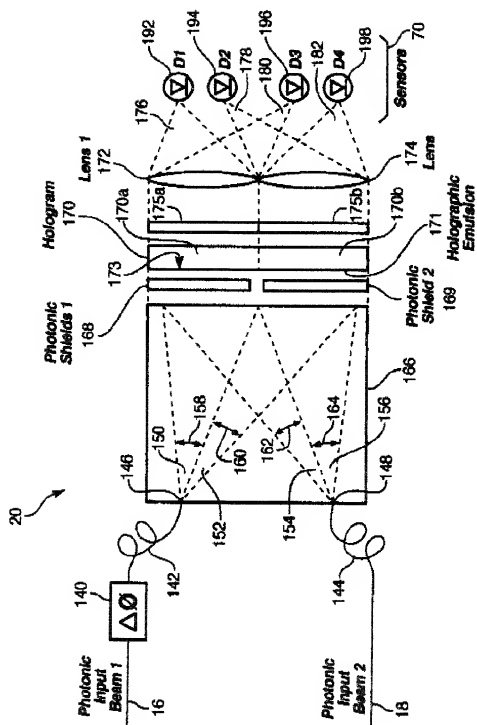


FIG. 14

FIG. 15

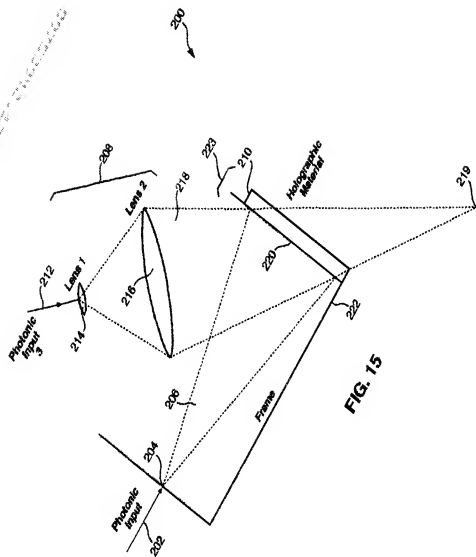
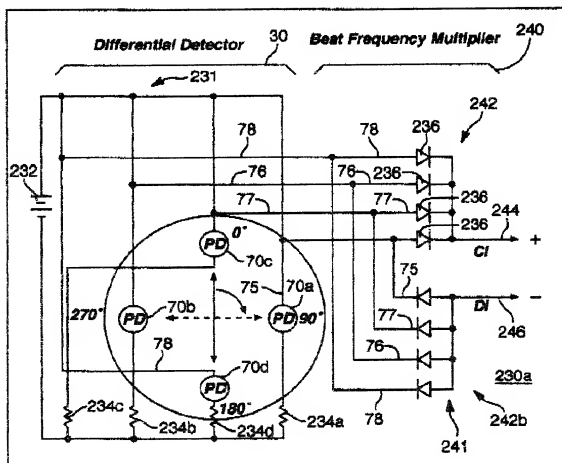




FIG. 16



**Absolute Value Differential Detector
With Beat Frequency Multiplication**

FIG. 17

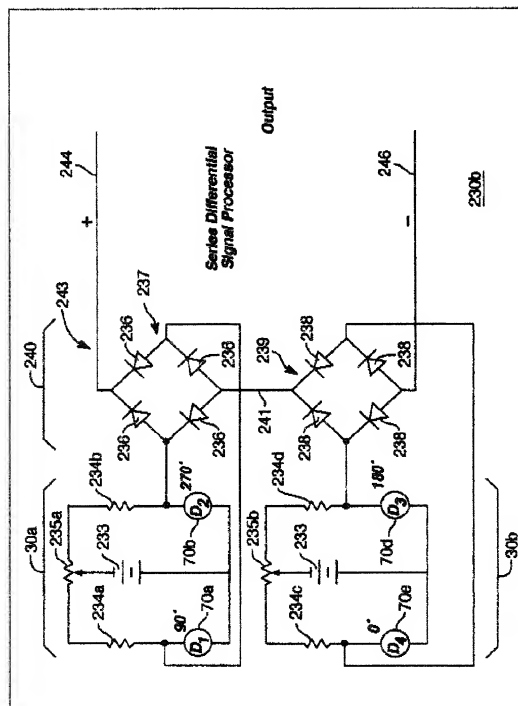


FIG. 18

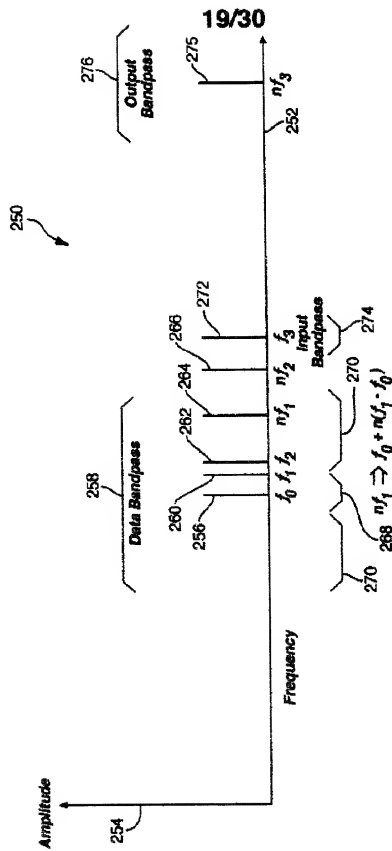


FIG. 19

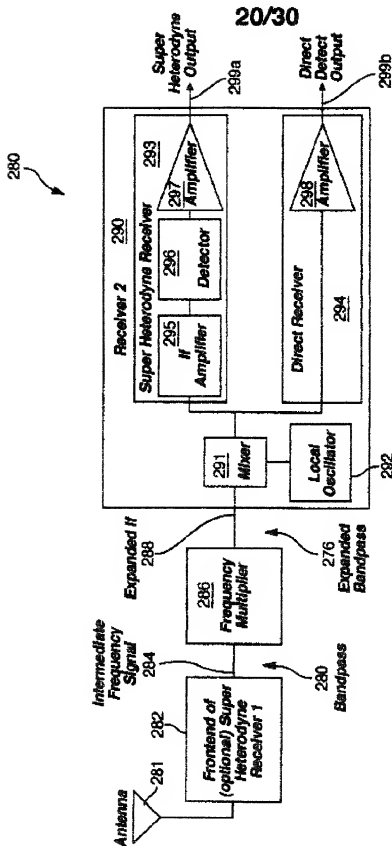


FIG. 20

High-Resolution Broadband
Photonic Spectrum Analyzer

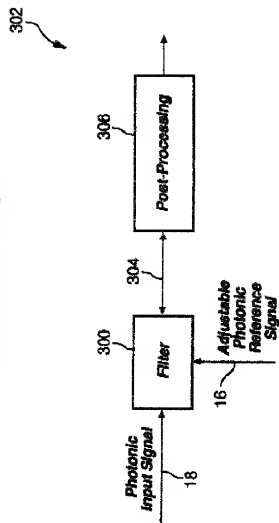


FIG. 21

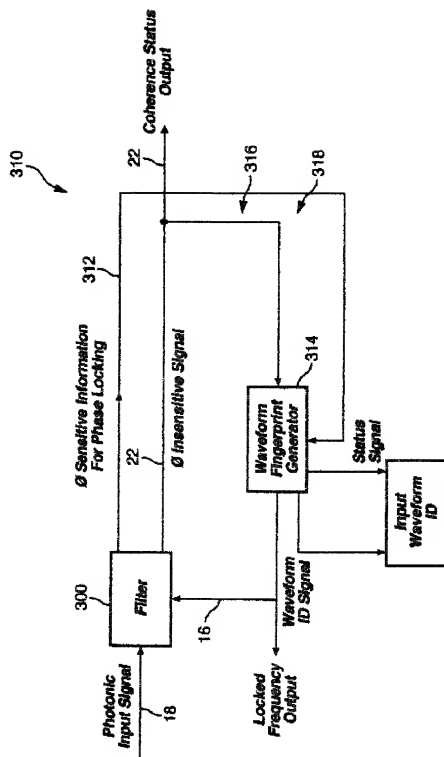


FIG. 22

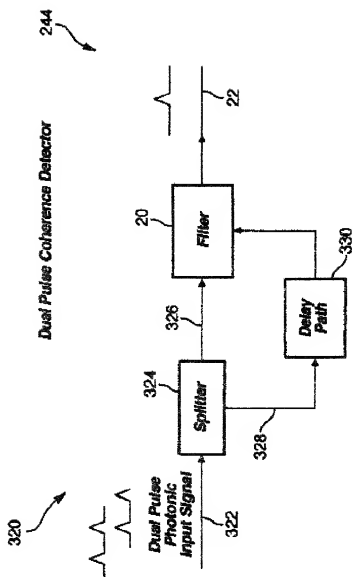


FIG. 23

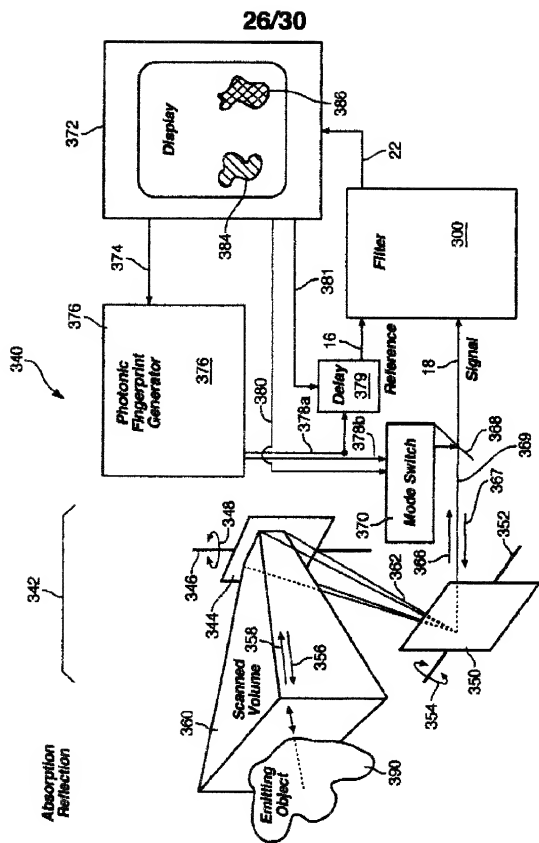


FIG. 26

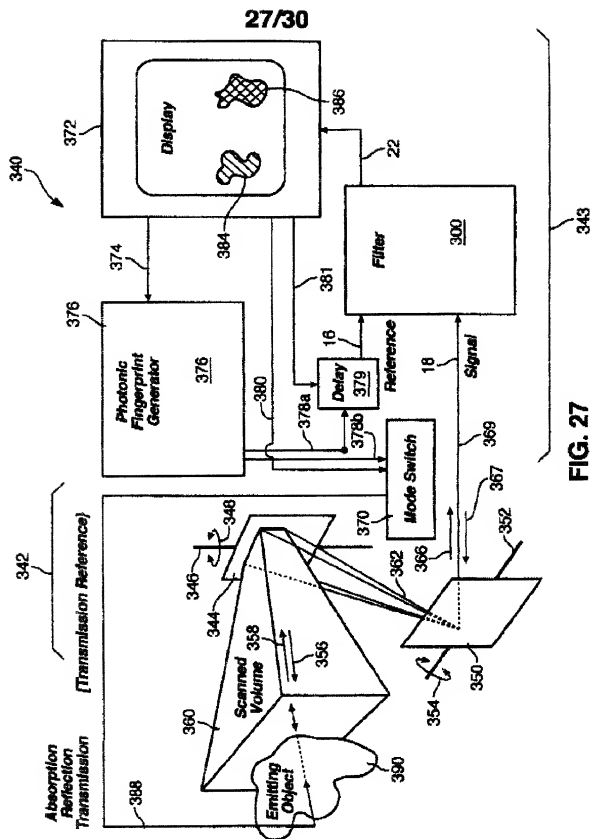


FIG. 27

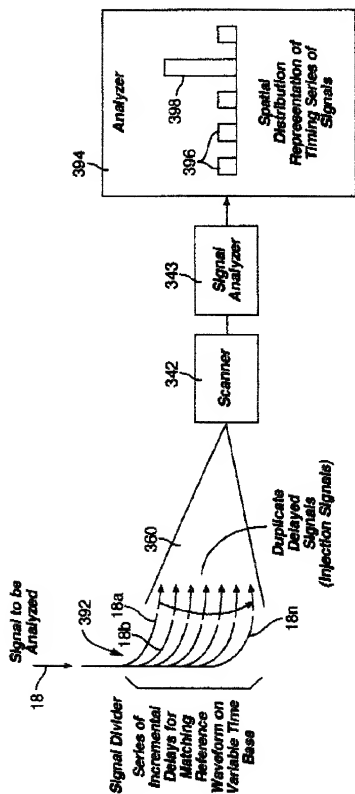


FIG. 28

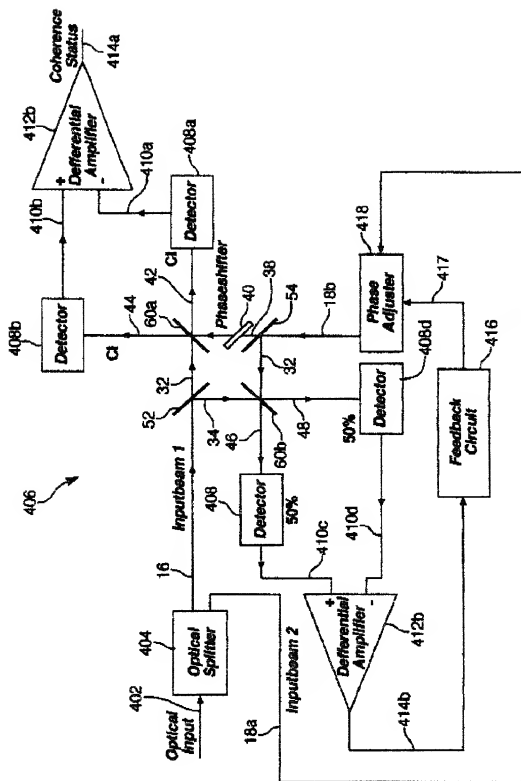


FIG. 29

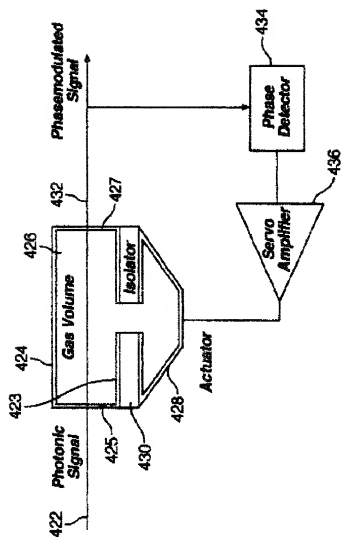


FIG. 30